

10/519699

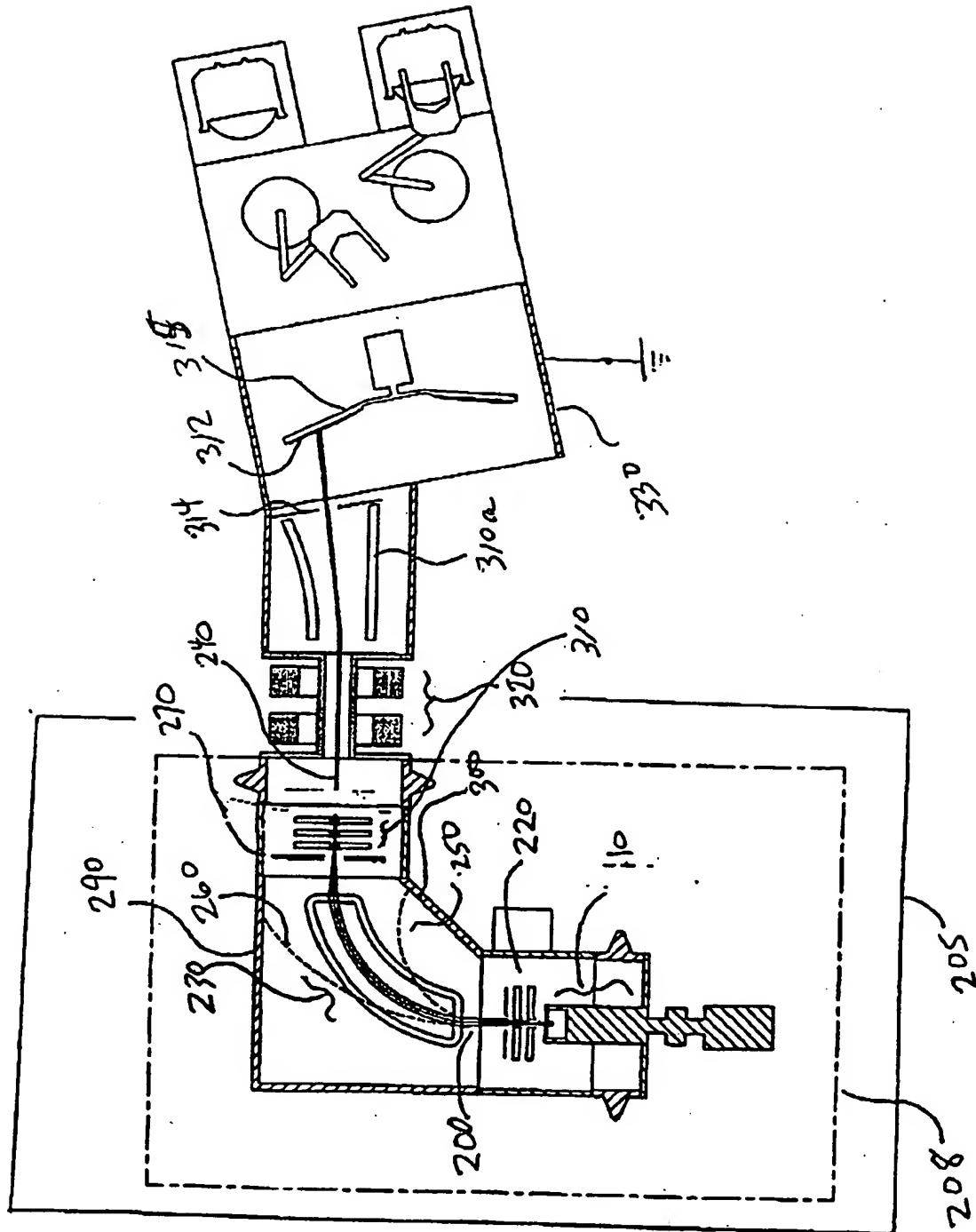


Fig. 1A

10/519699

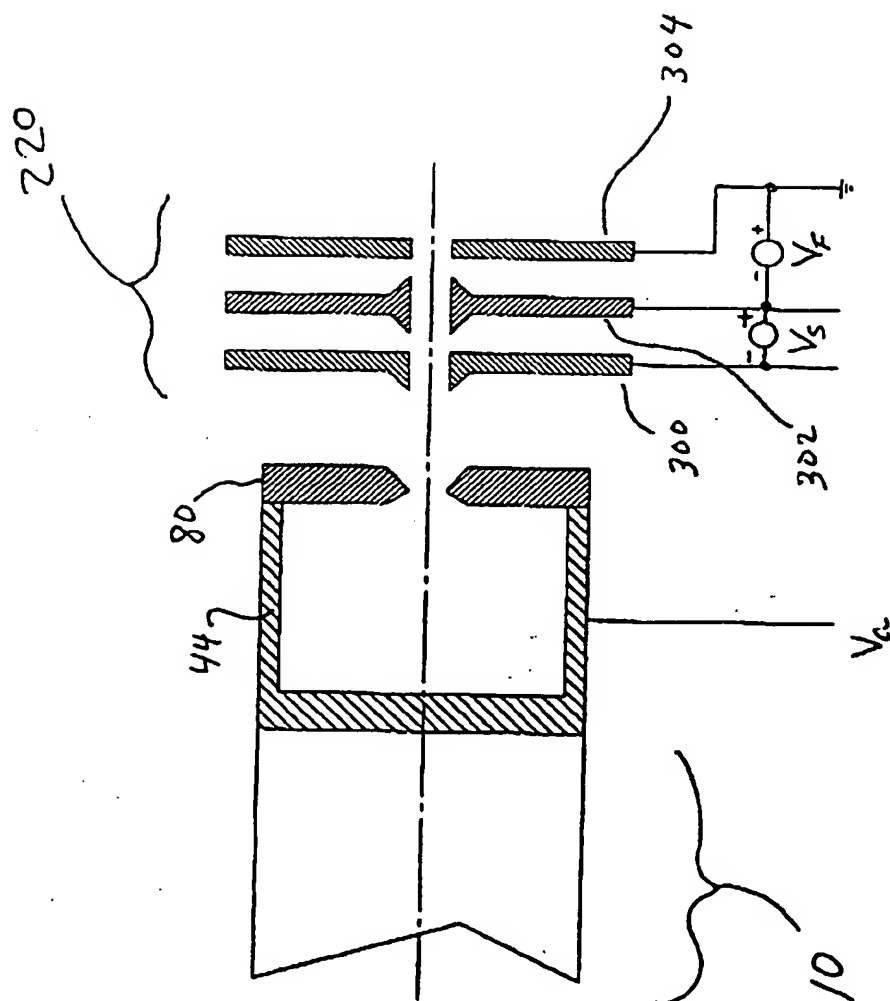


Fig. 18

10/519699

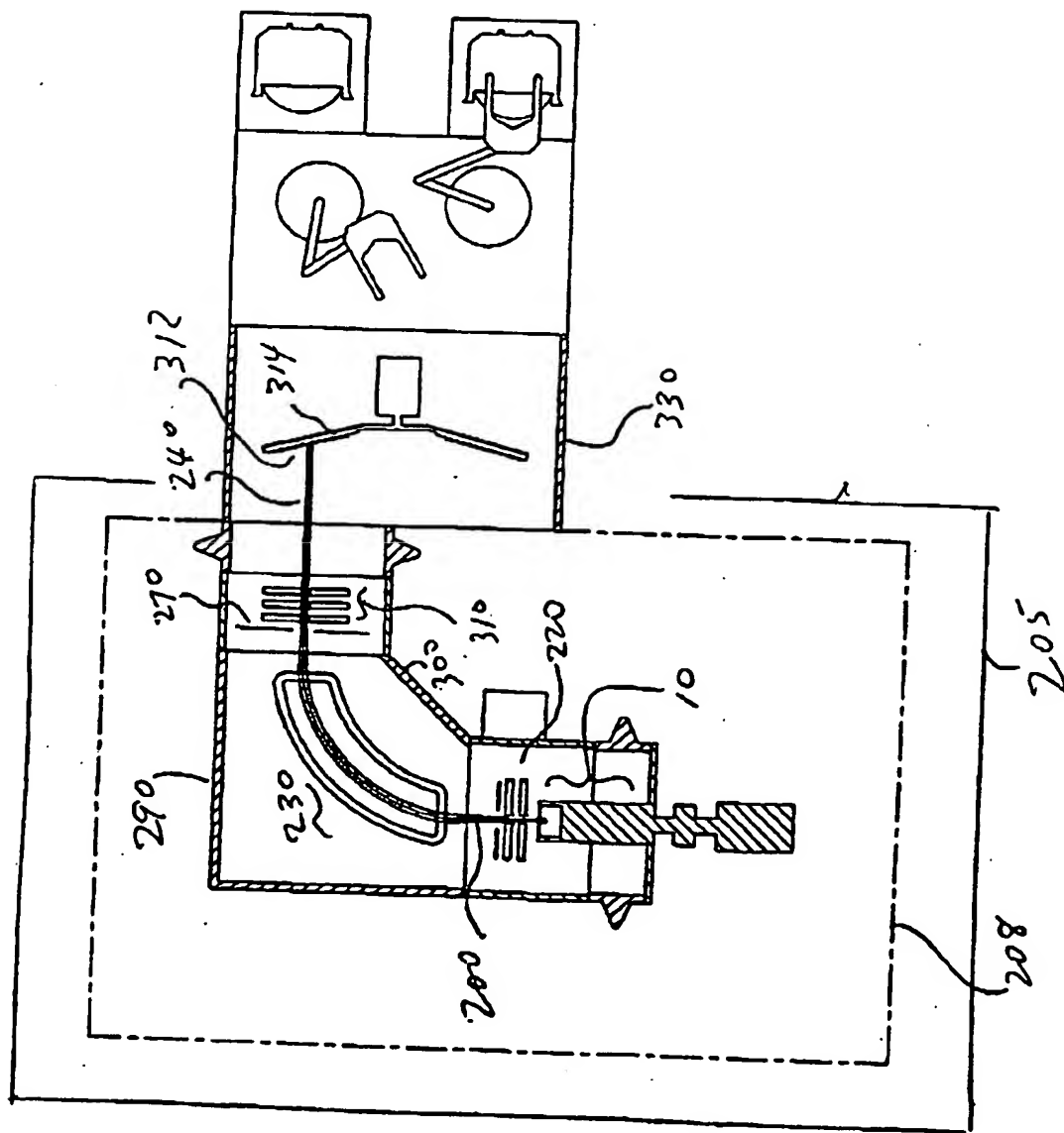


Fig. 1C

10/519699

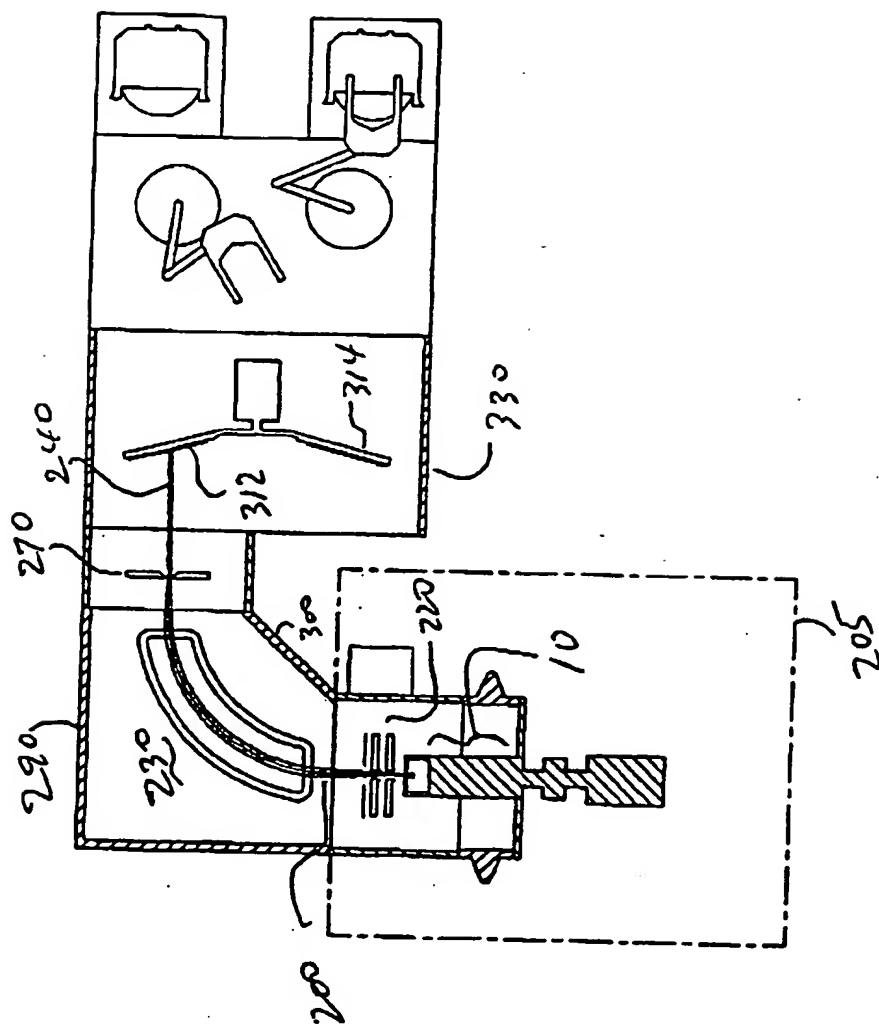
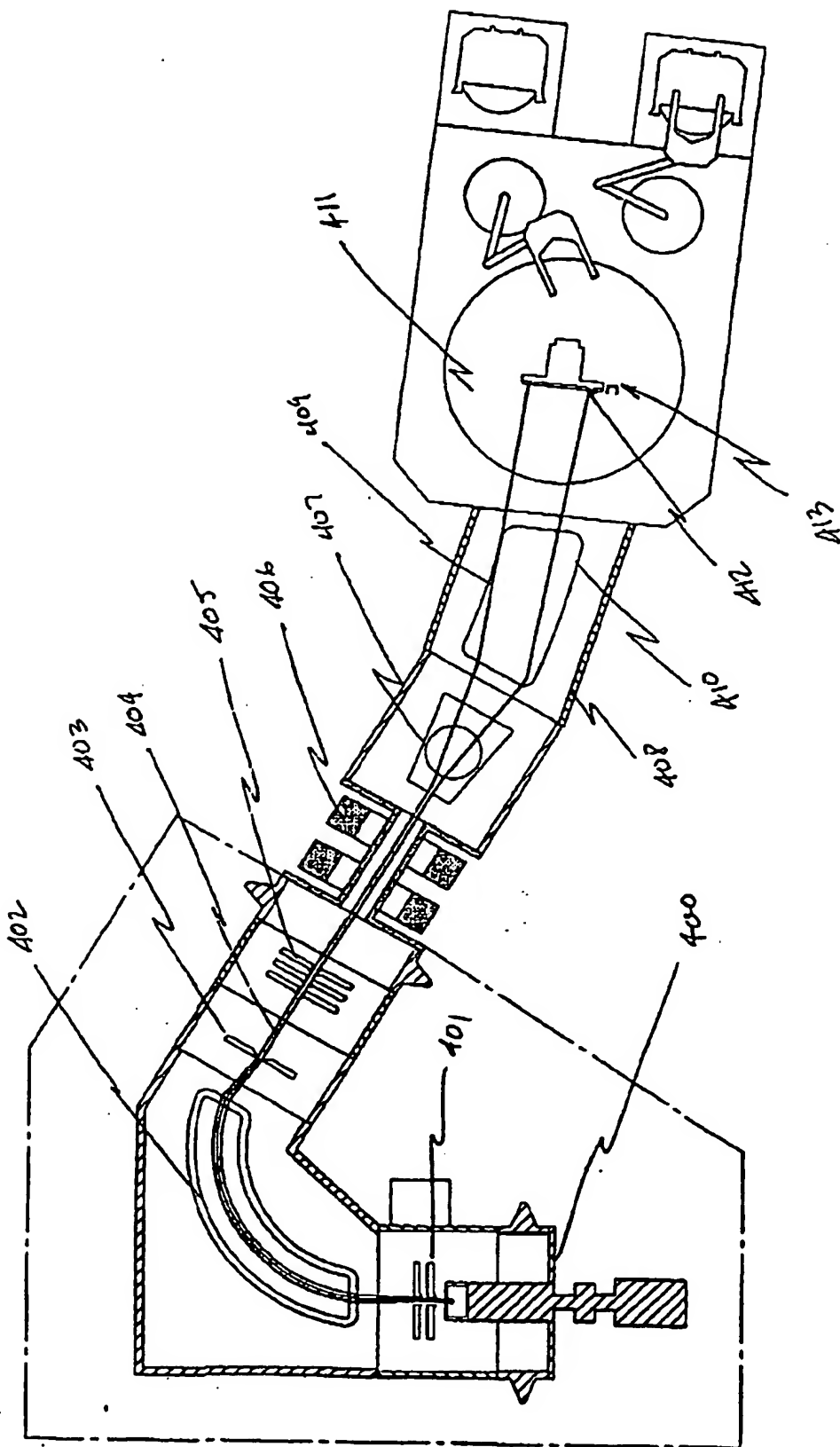


Fig. 10

10/519699



10/519699

Space Charge-Limited Extraction of Boron Monomer Ions, for a Diode Gap of  
1.27 cm, Calculated from Child-Langmuir

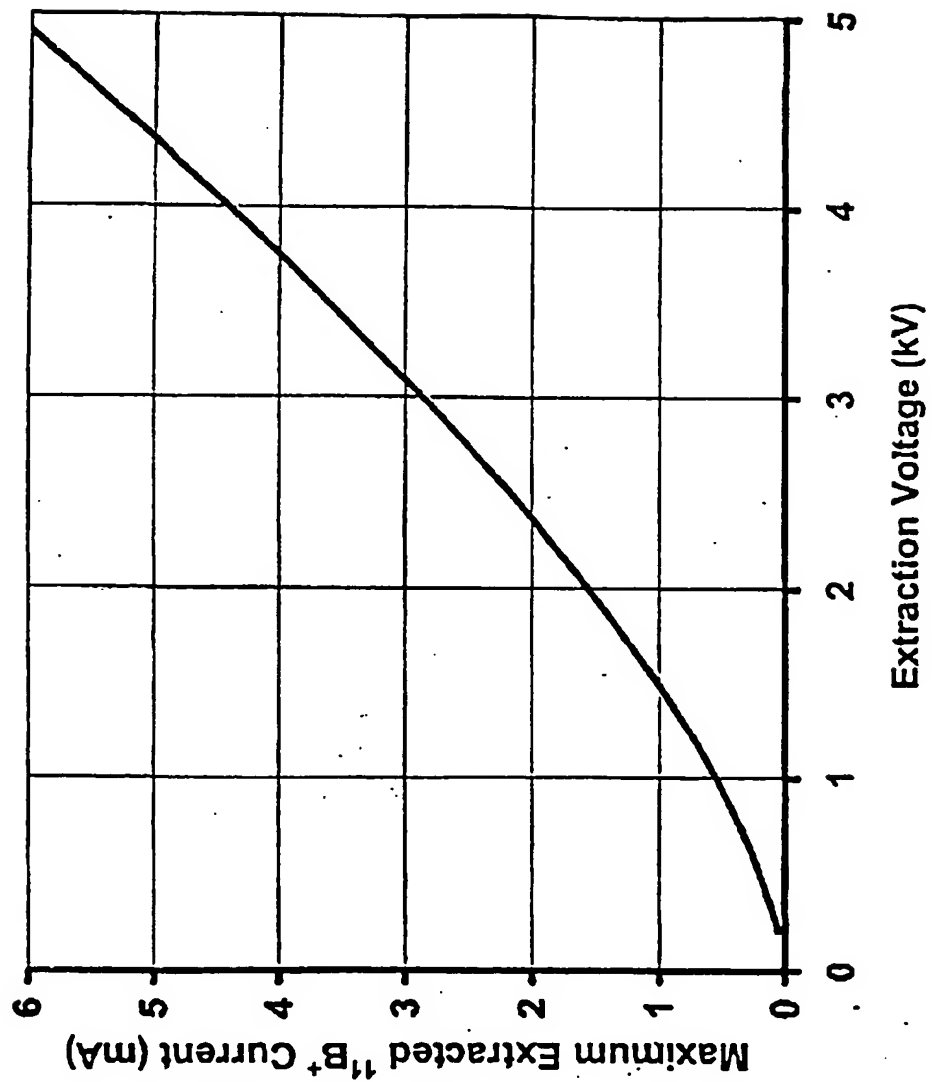
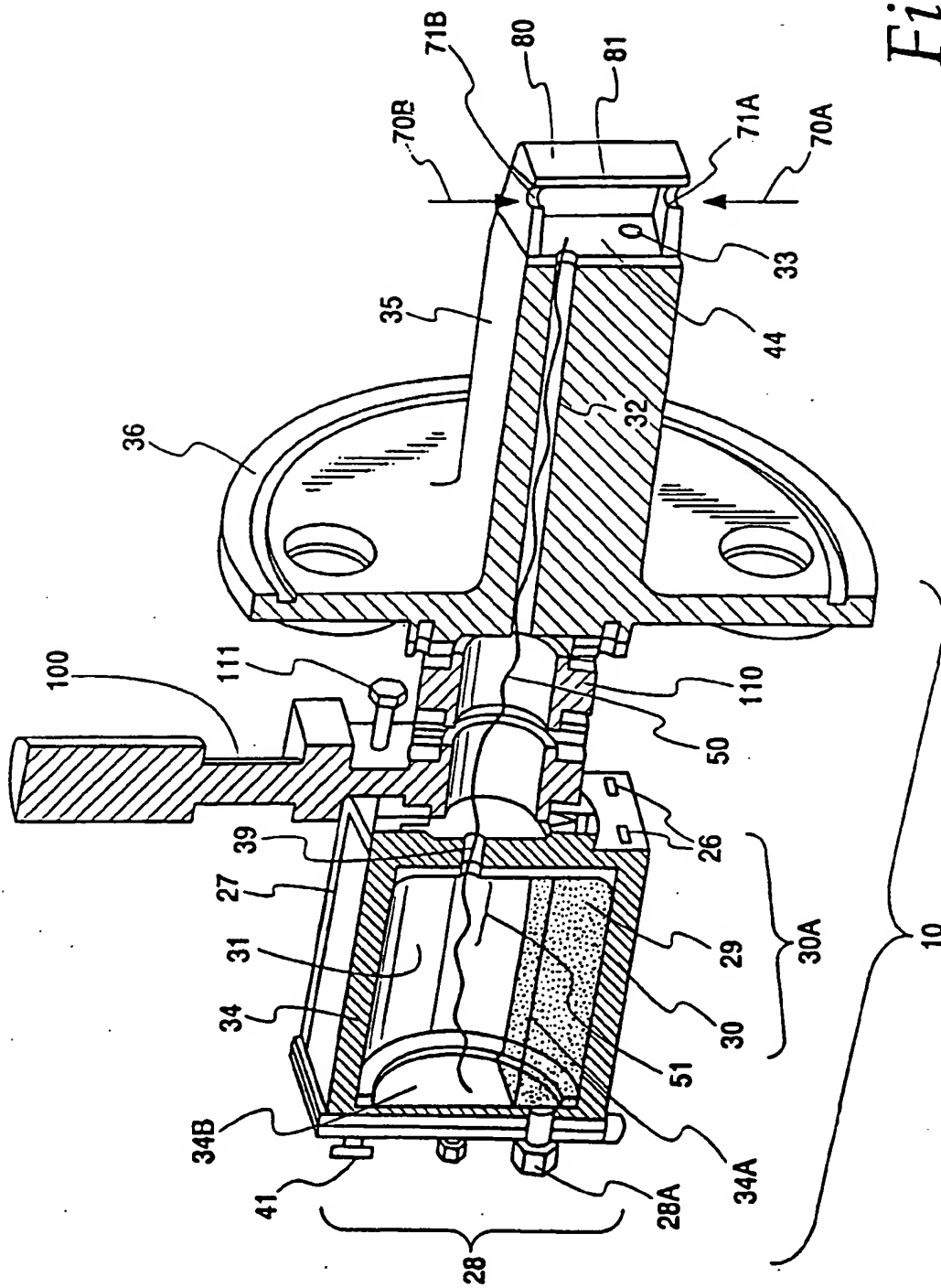


Fig. 2.

10/519699

Fig. 3







10/519699

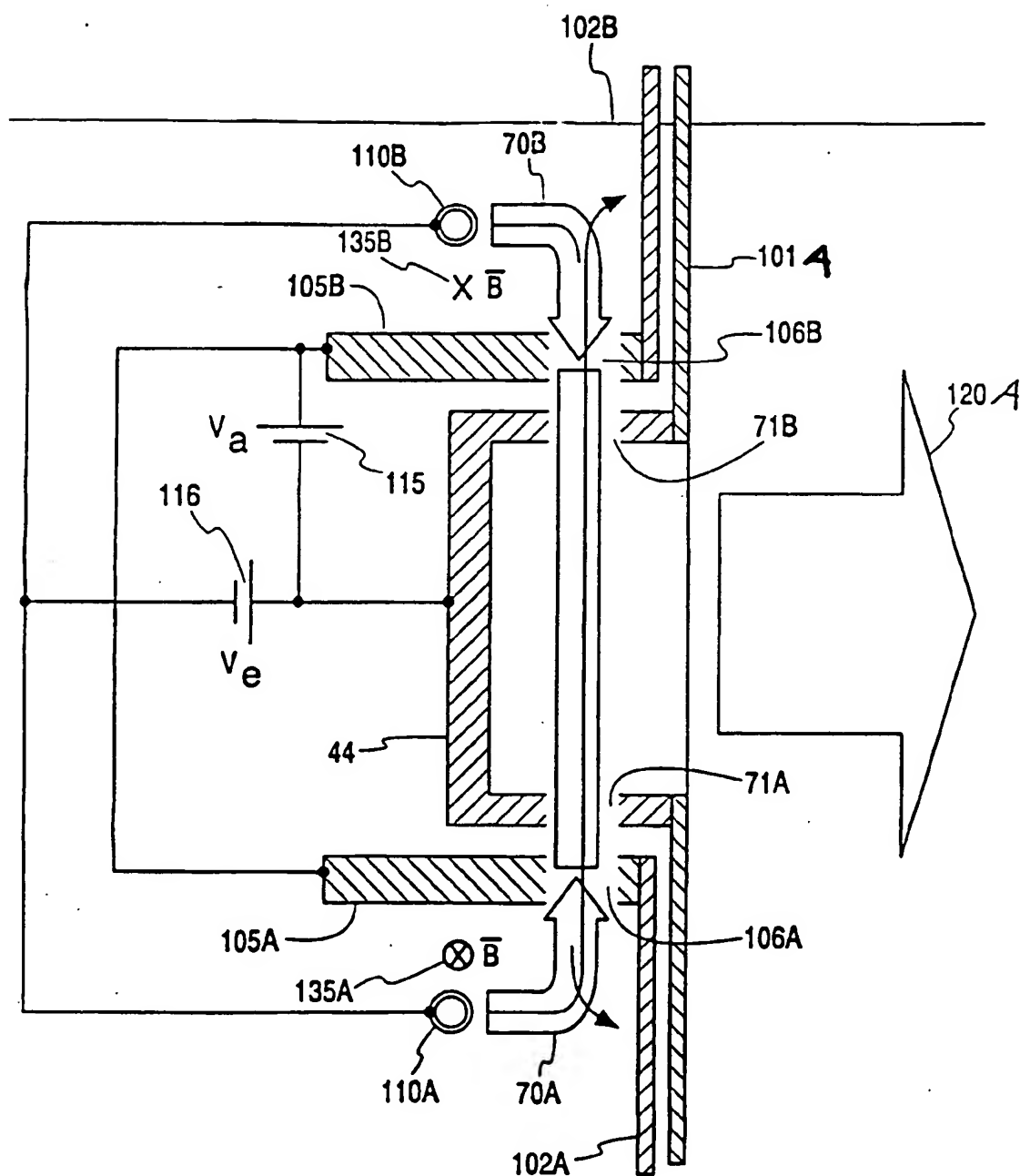


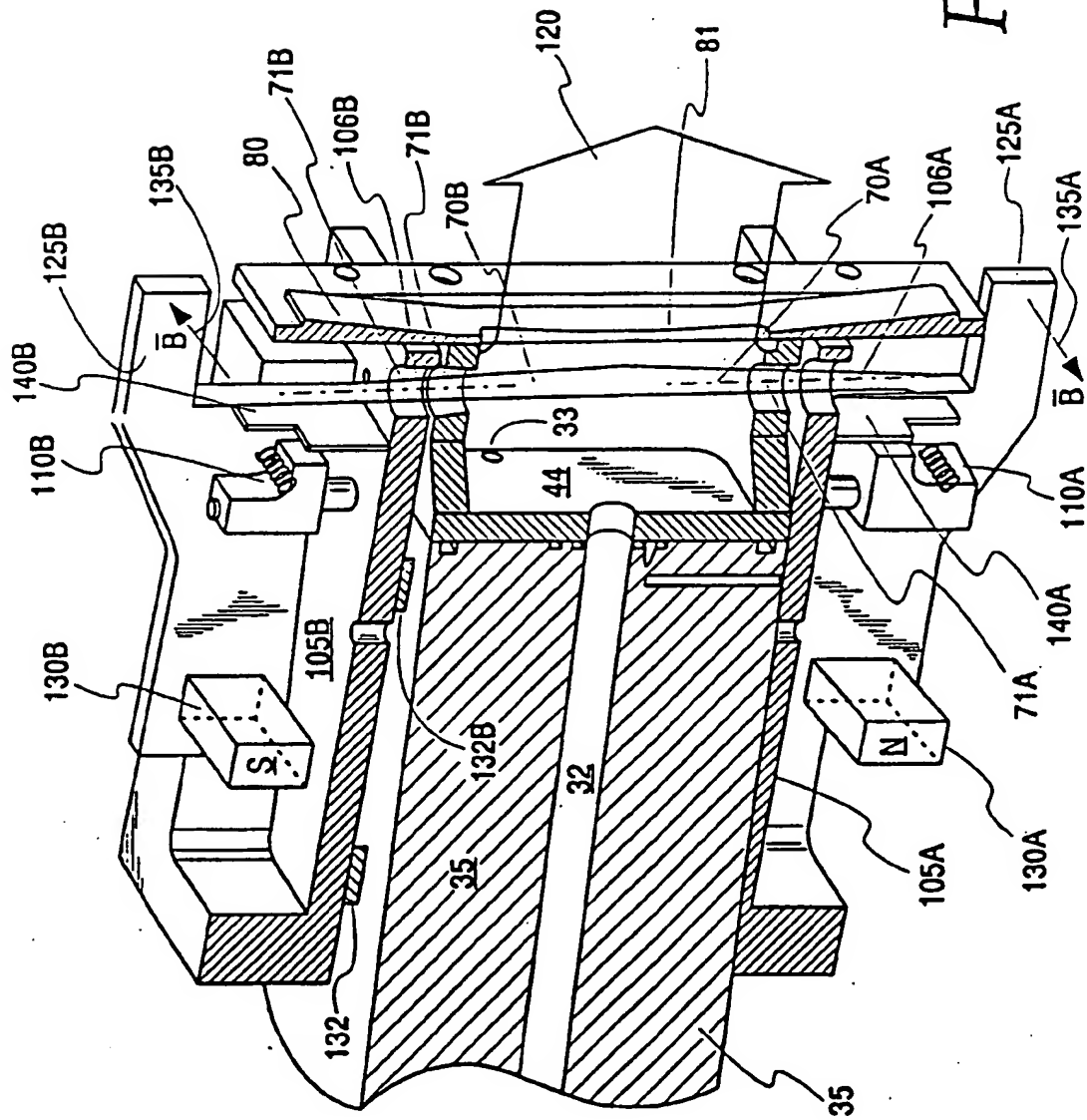
Fig.

4B



10/519699

Fig. 5B



10/519699

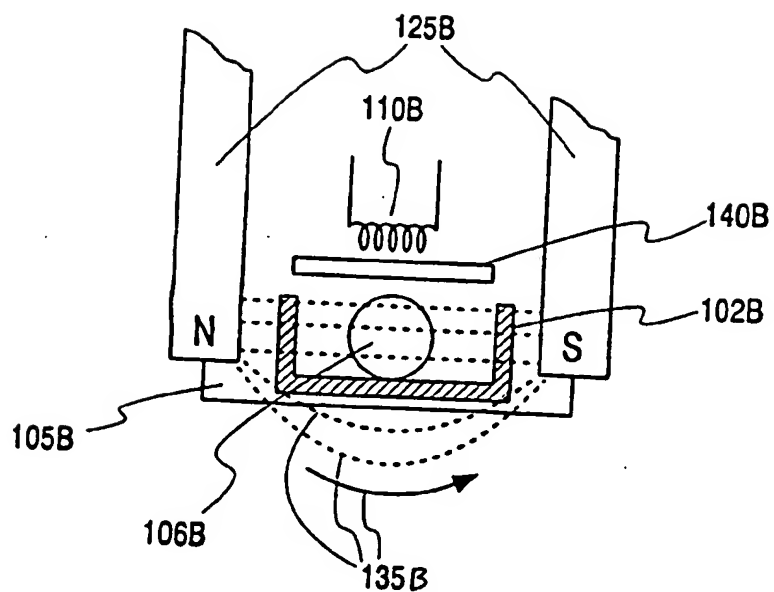
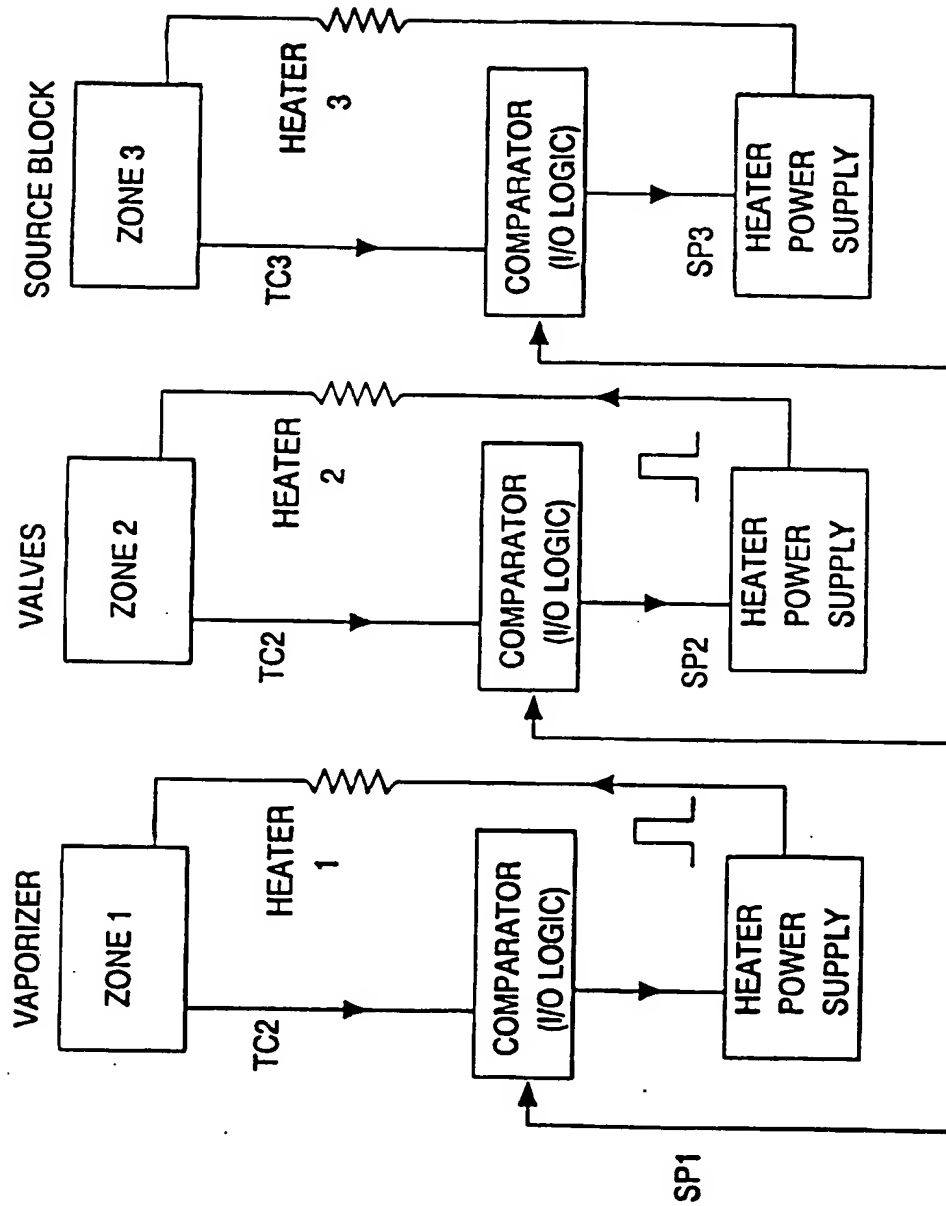


FIG 5c

10/519699



3-ZONE TEMPERATURE CONTROL SYSTEM

Fig. 6

10/519699

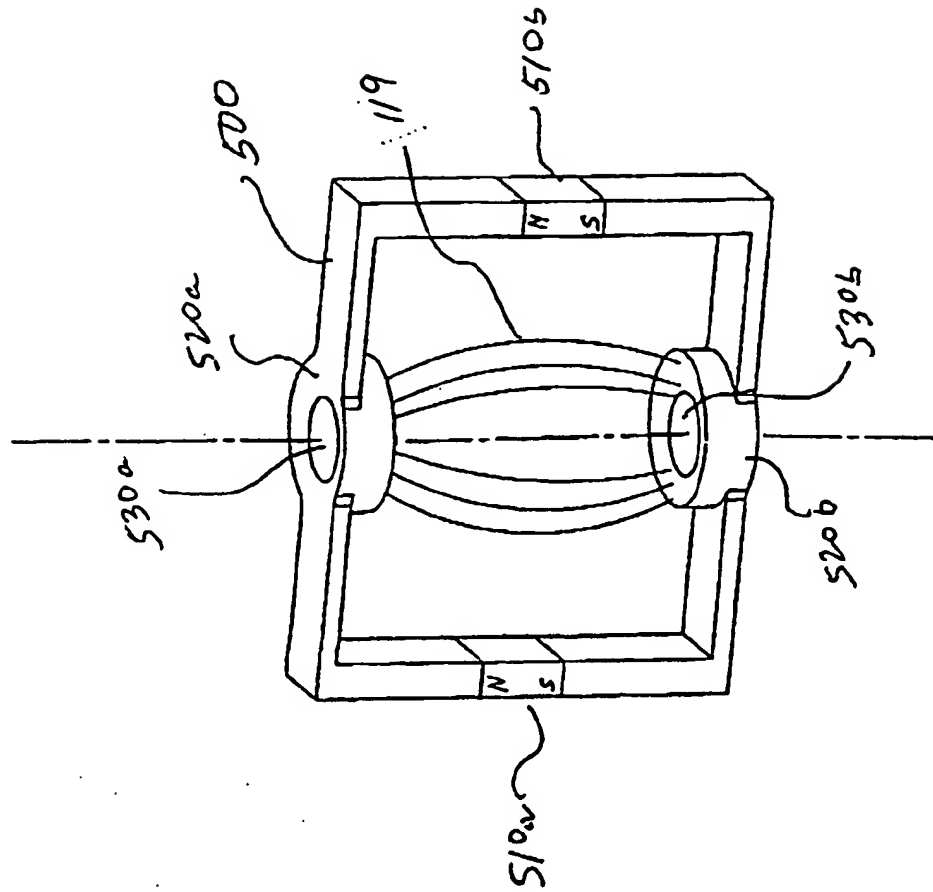
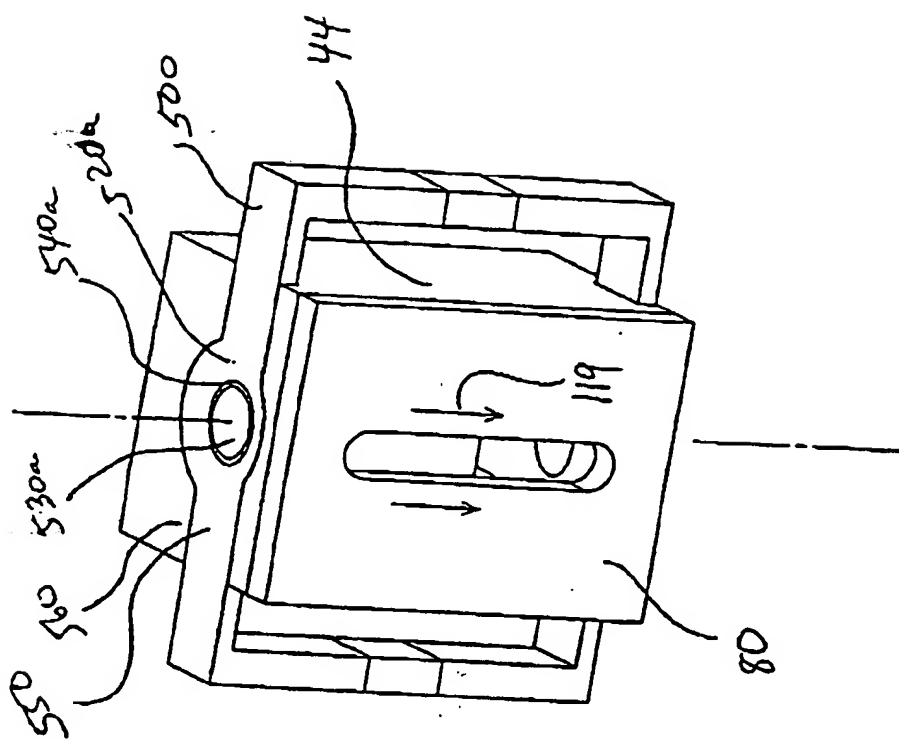


Fig. 7A

10/519699



7B

Fig

10/519699

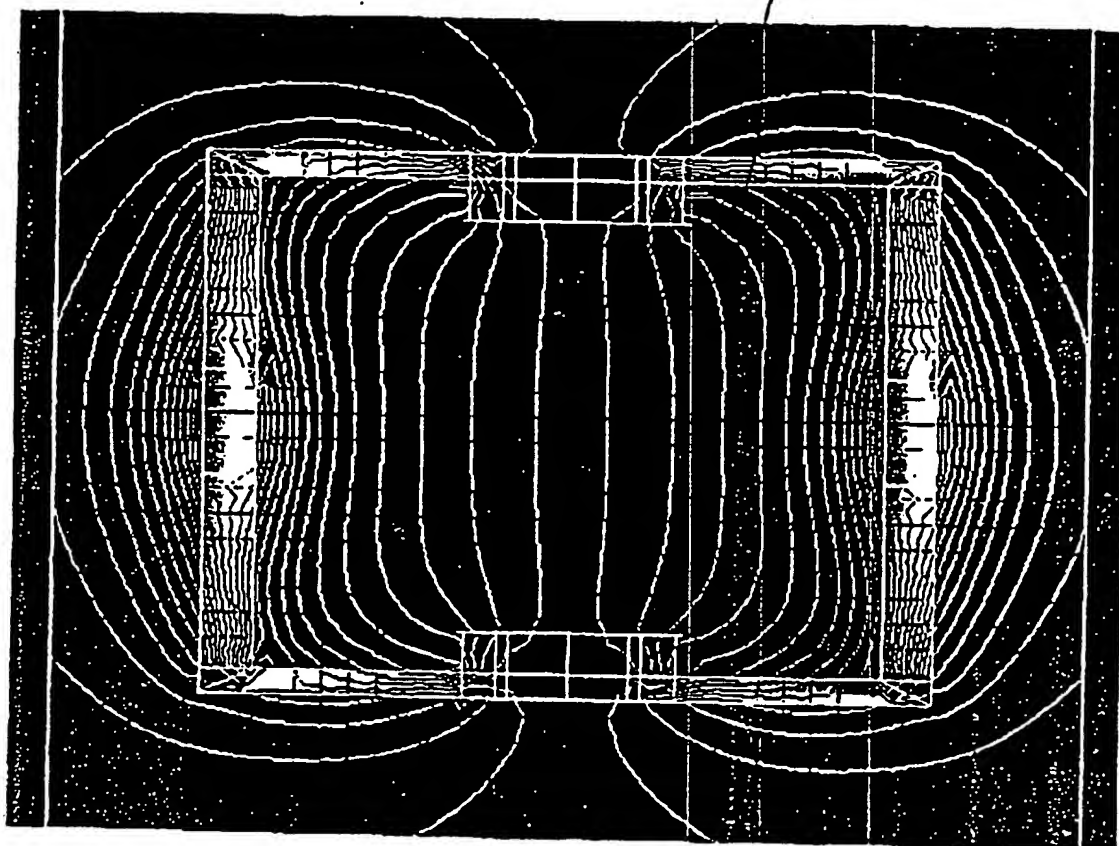


Fig 7c



10/519699

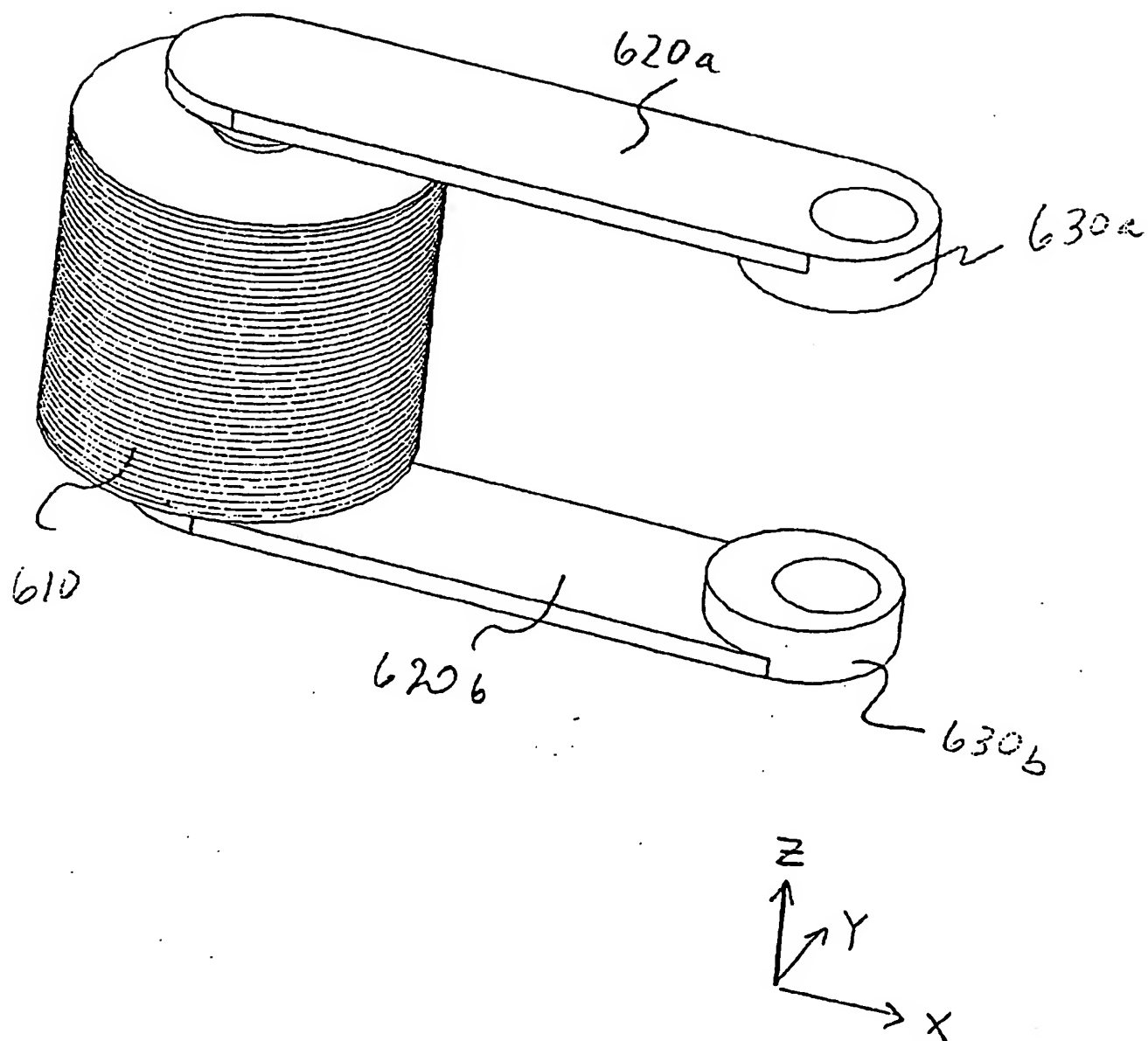


Fig. 70

10/519699

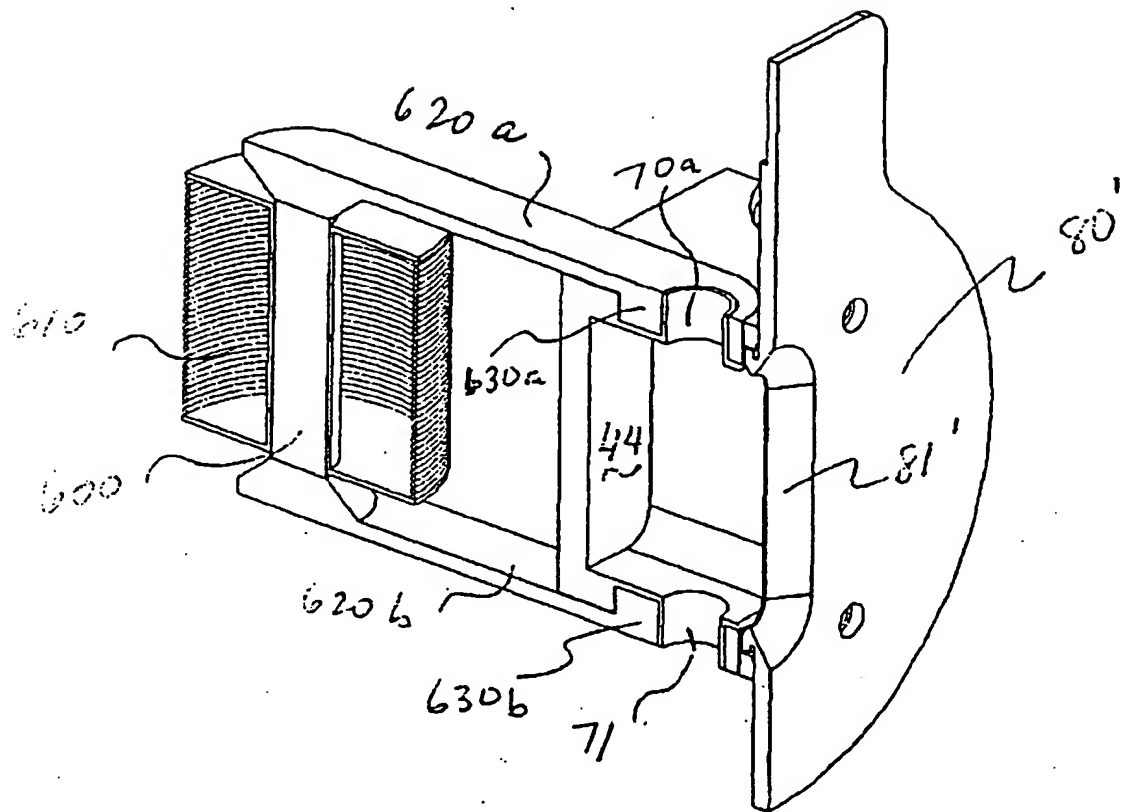


Fig. 7E

10/519699

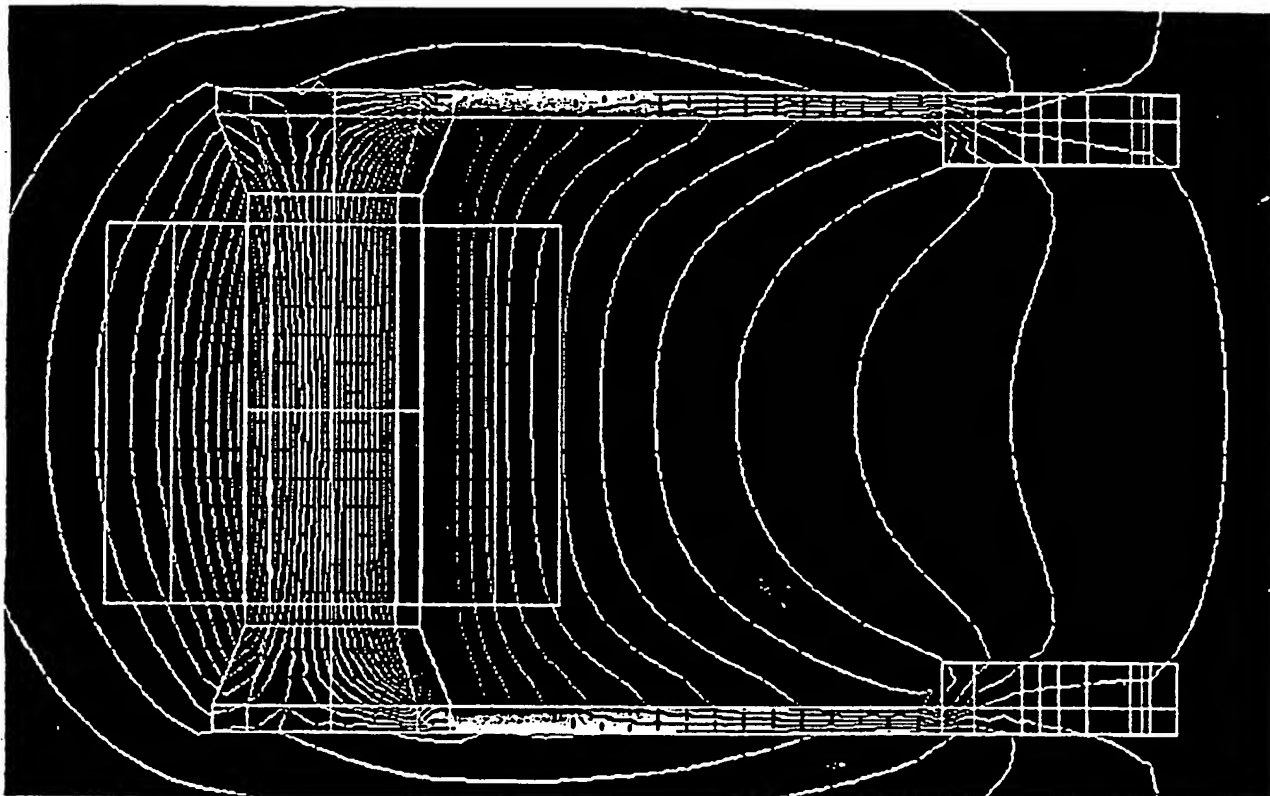


Fig.

7F

10/519699

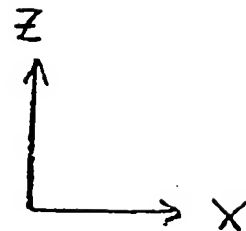
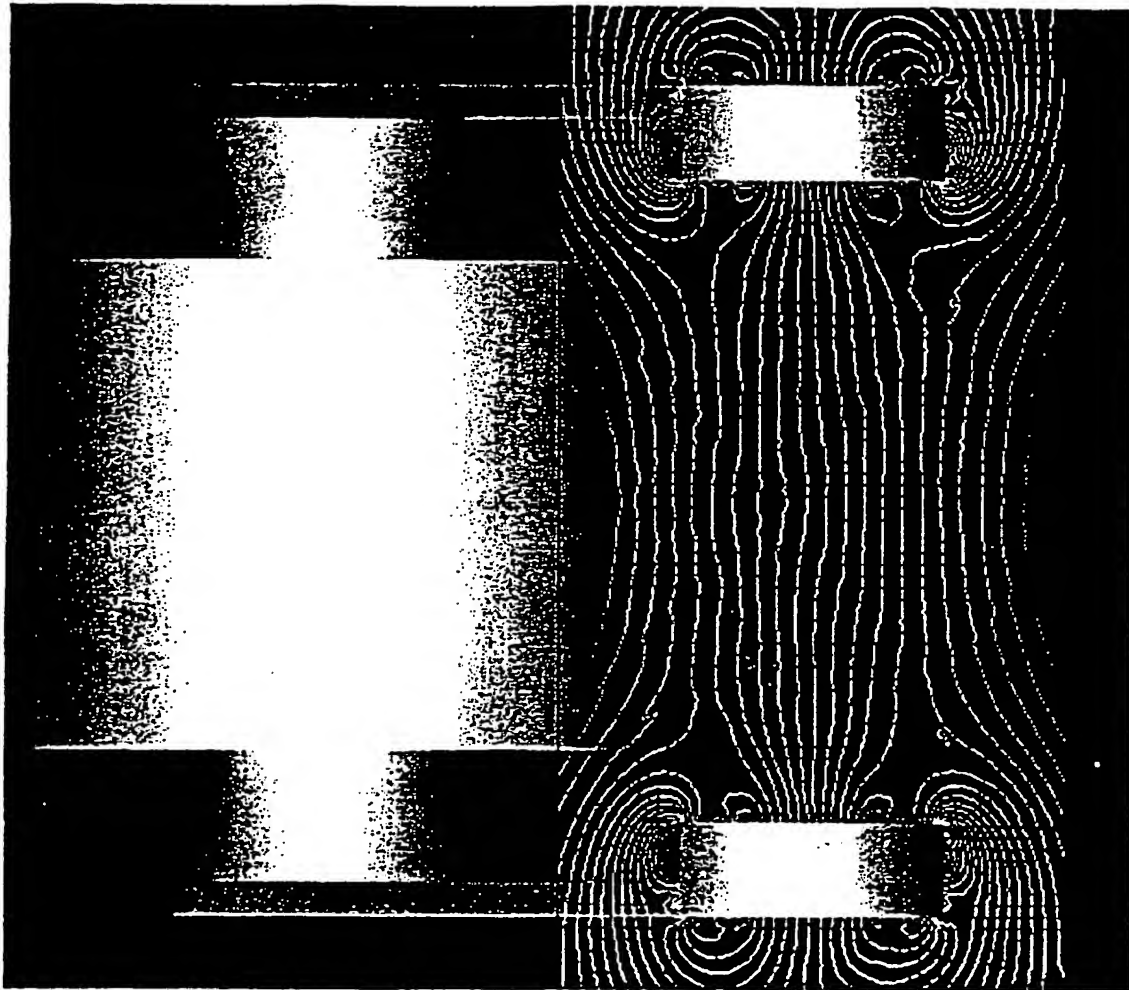
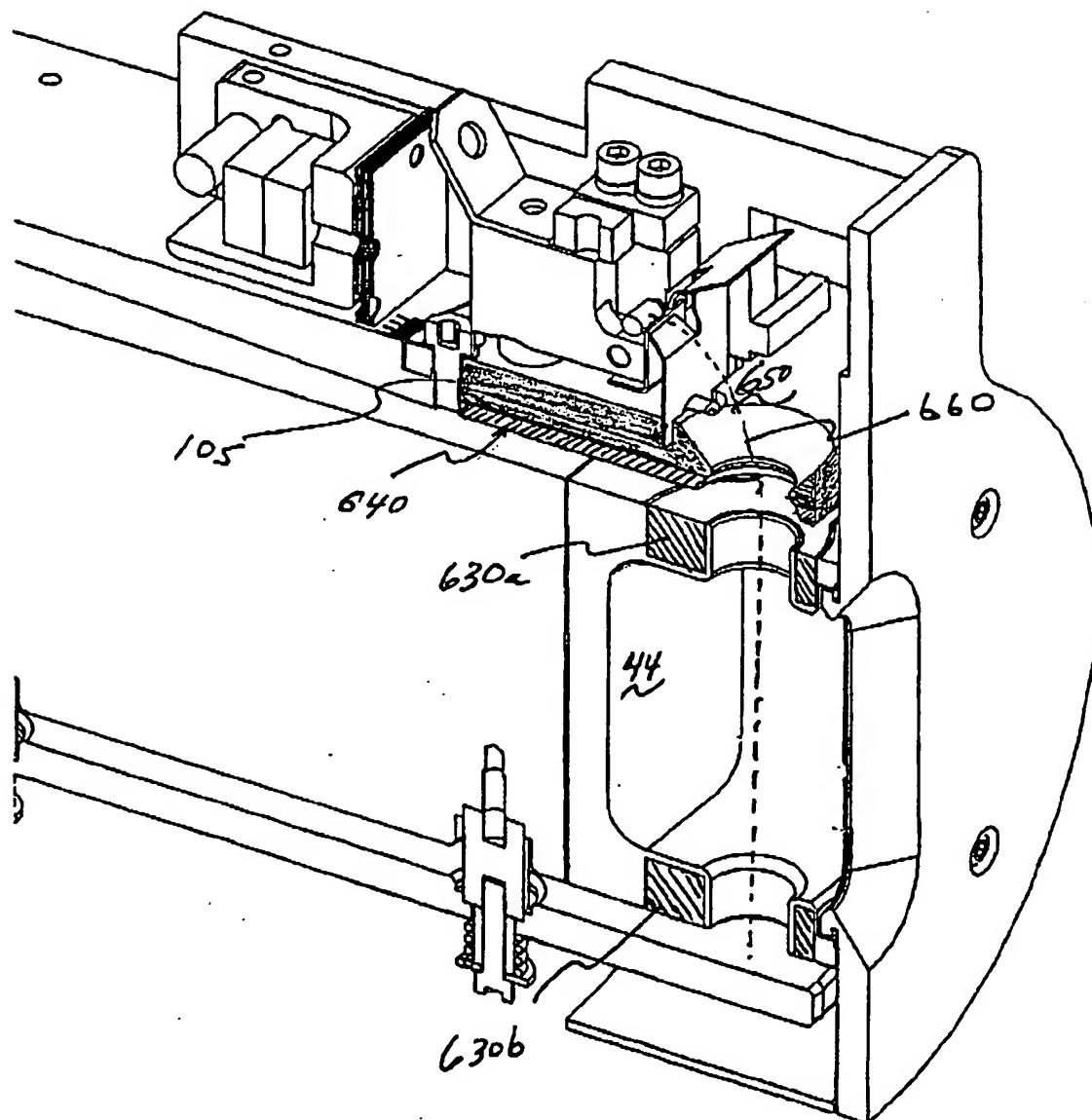


Fig. 76

10/519699



10/519699

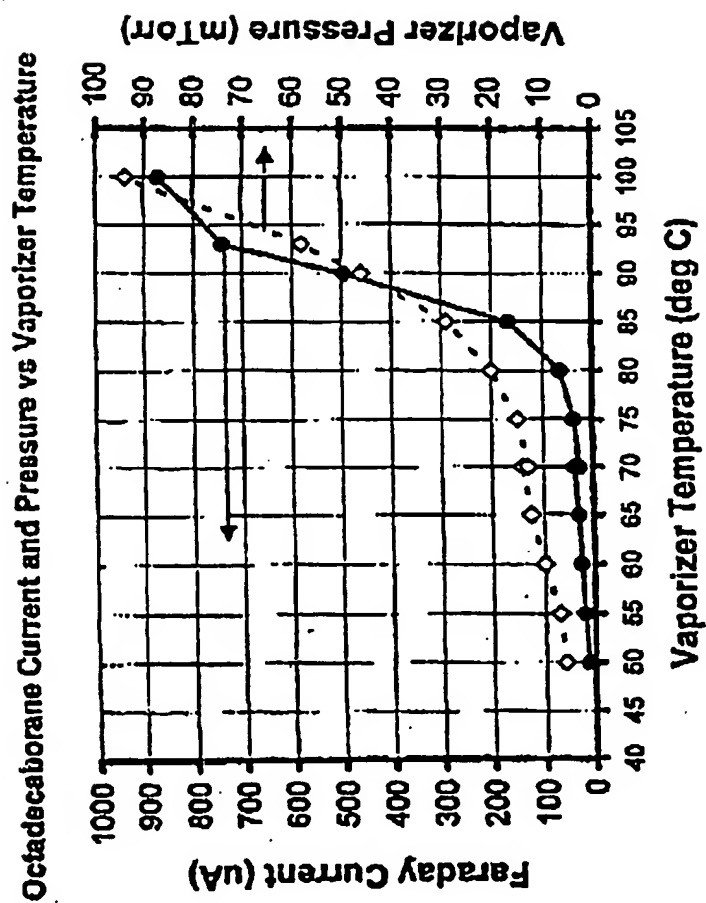


Fig. 8A

10/519699

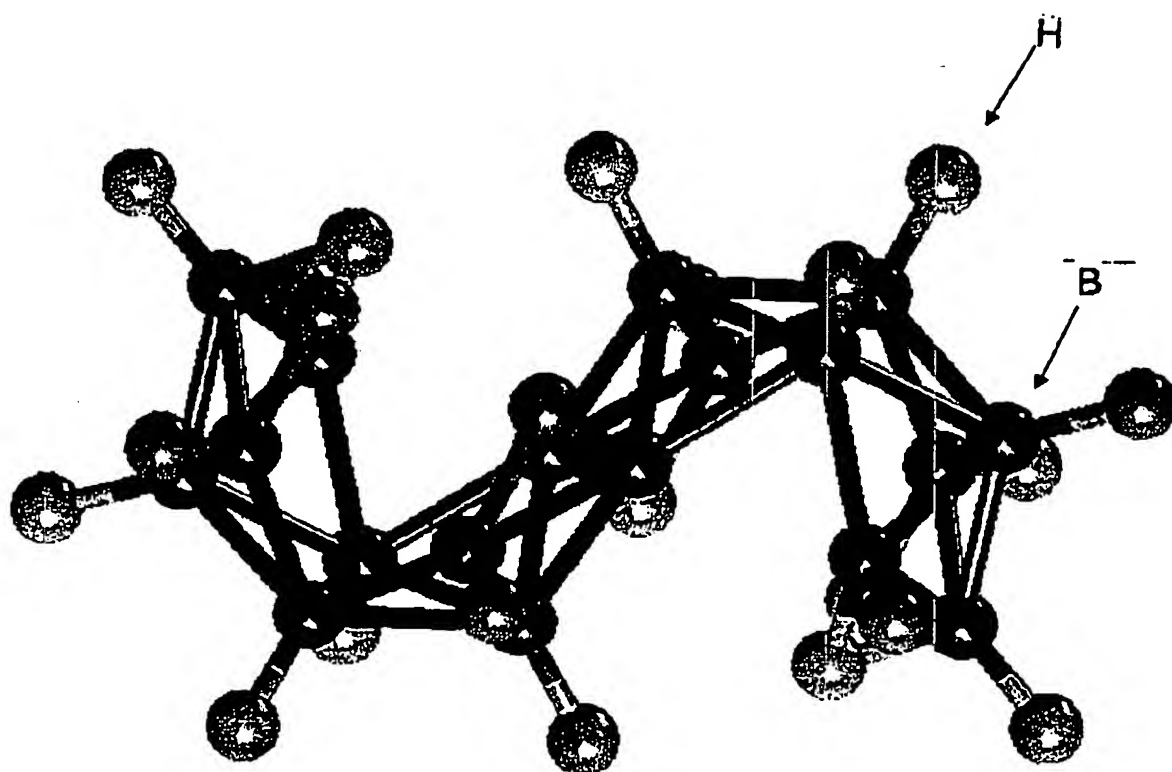


Fig. 8b Octadecaborane ( $B_{18}H_{22}$ ) Molecule.

10/519699

## 20keV Octadecaborane

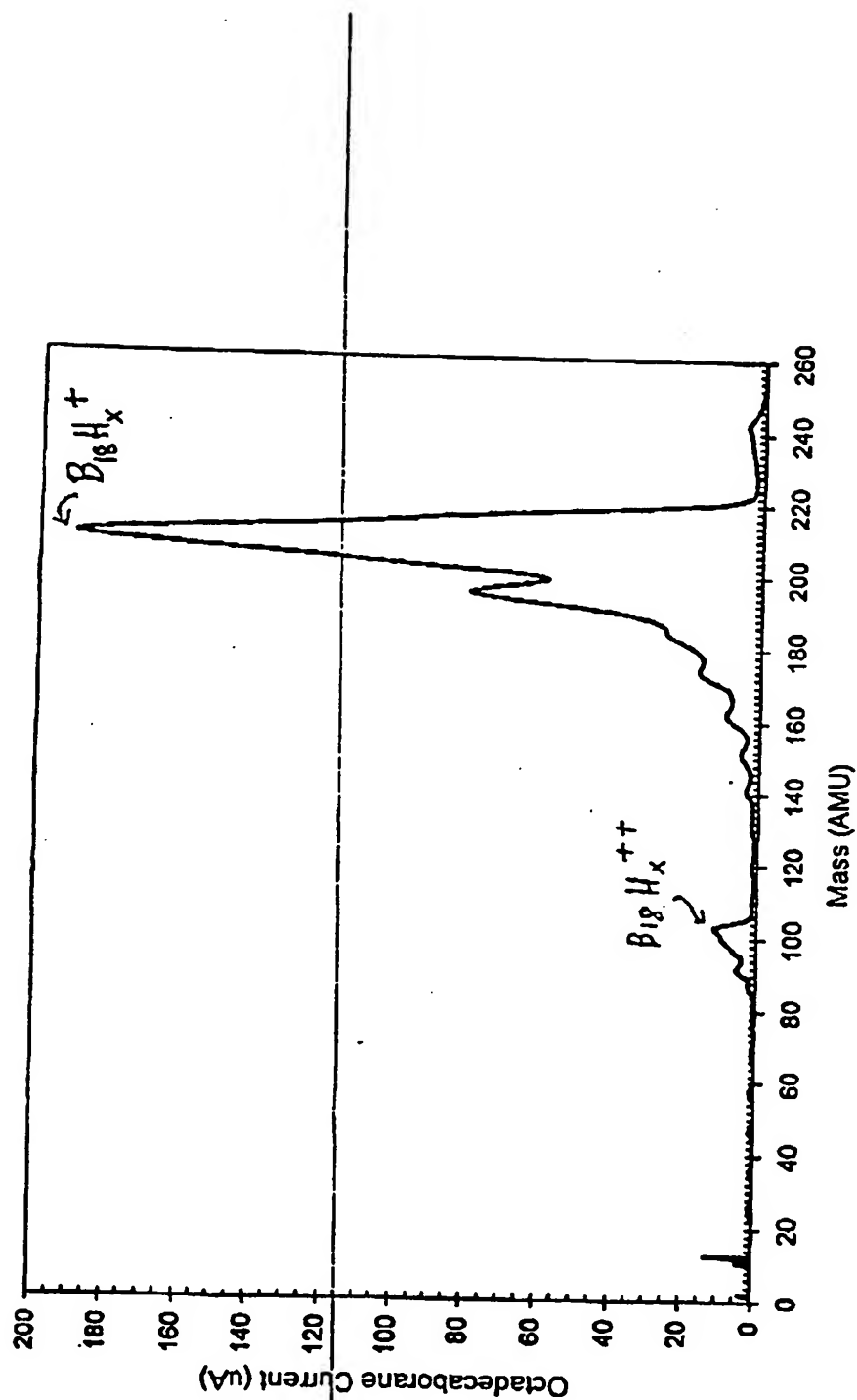


FIG 9



10/519699

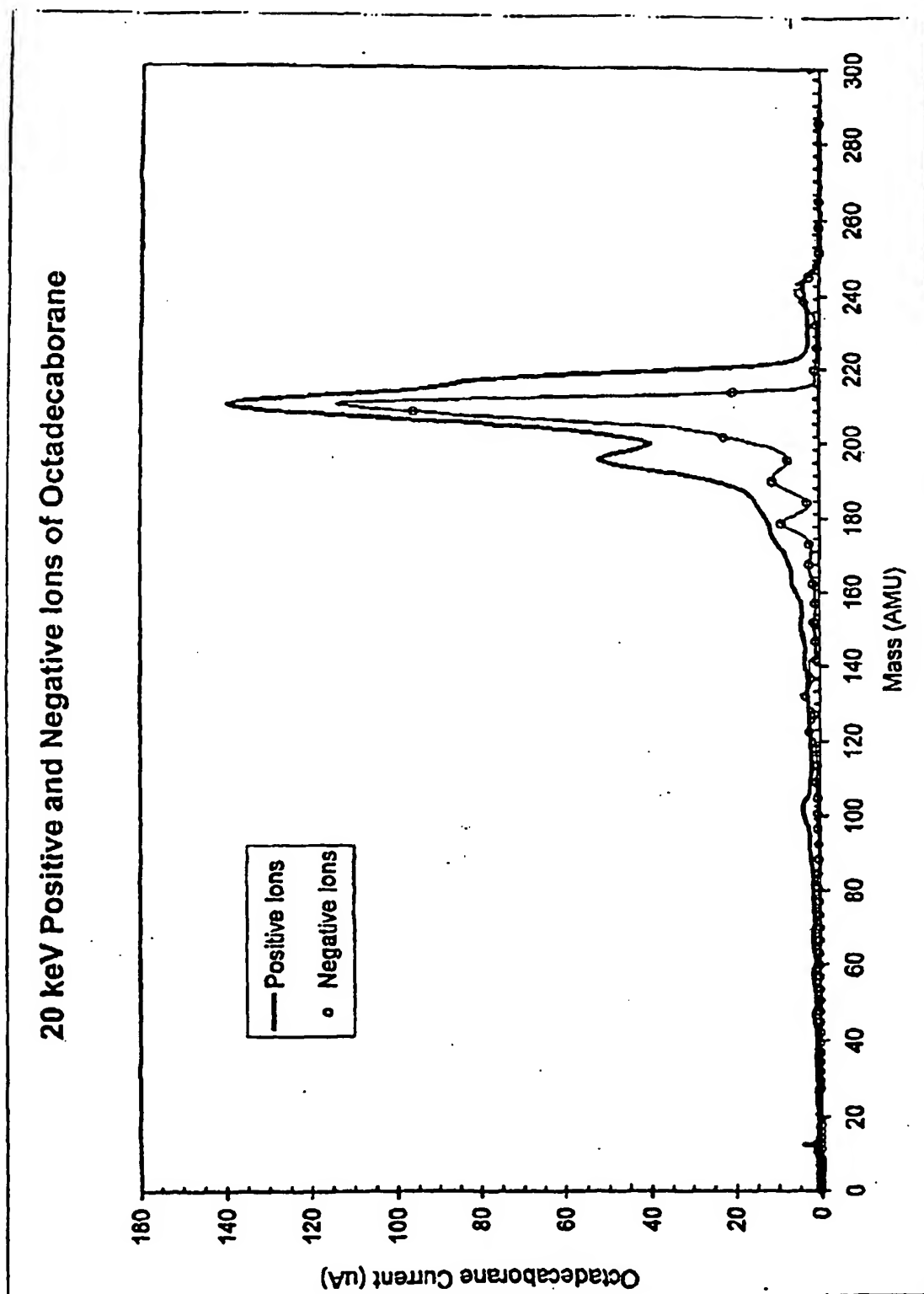


Fig. 10

10/519699

## 20 keV Octadecaborane

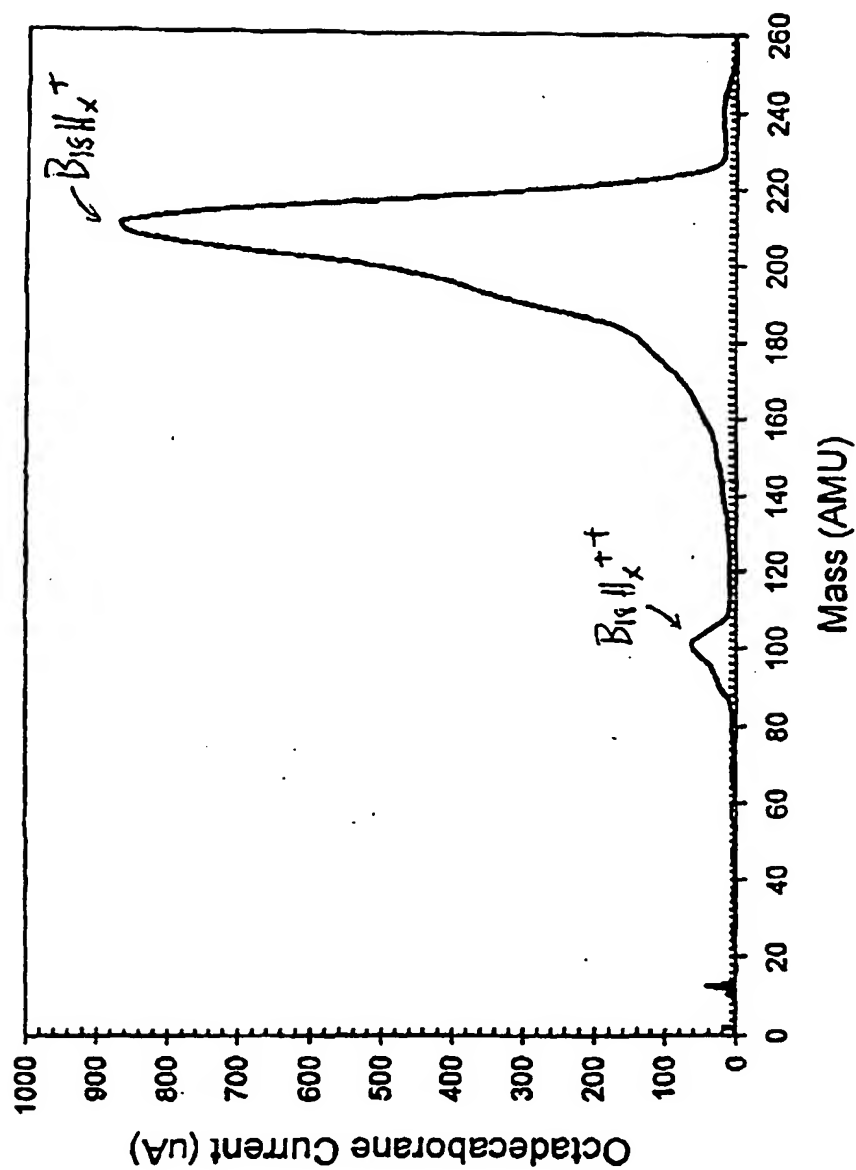


Fig. 11A

10/519699

# 20 keV Octadecaborane

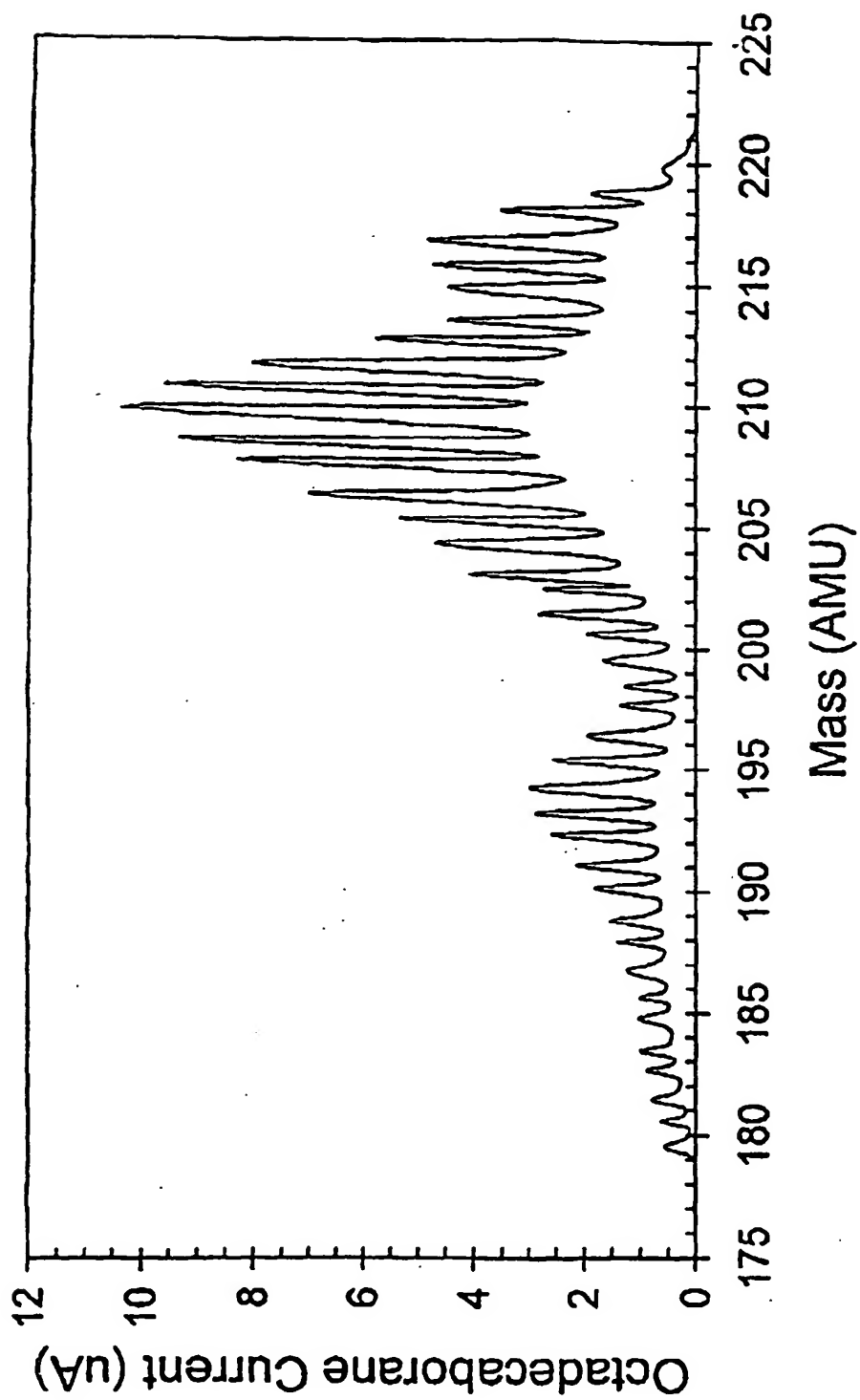


Fig. 11B

10/519699

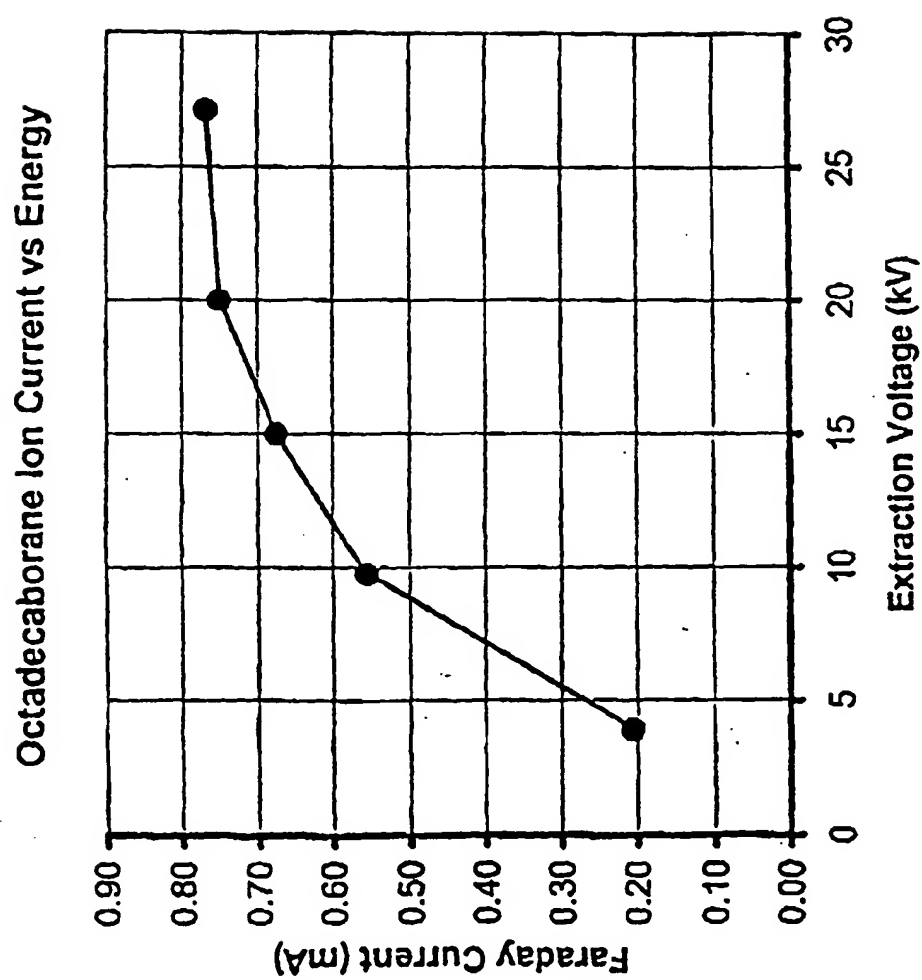


Fig. 12

Octadecaborane Boron Current vs Effective Implant Energy

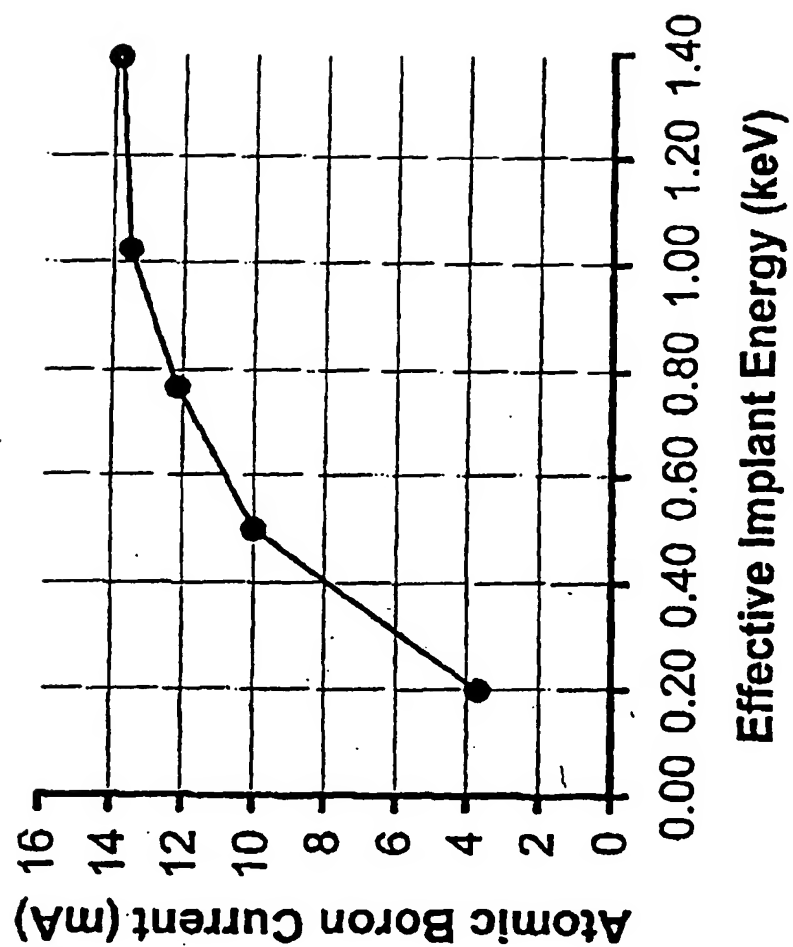


Fig. 13



10/519699

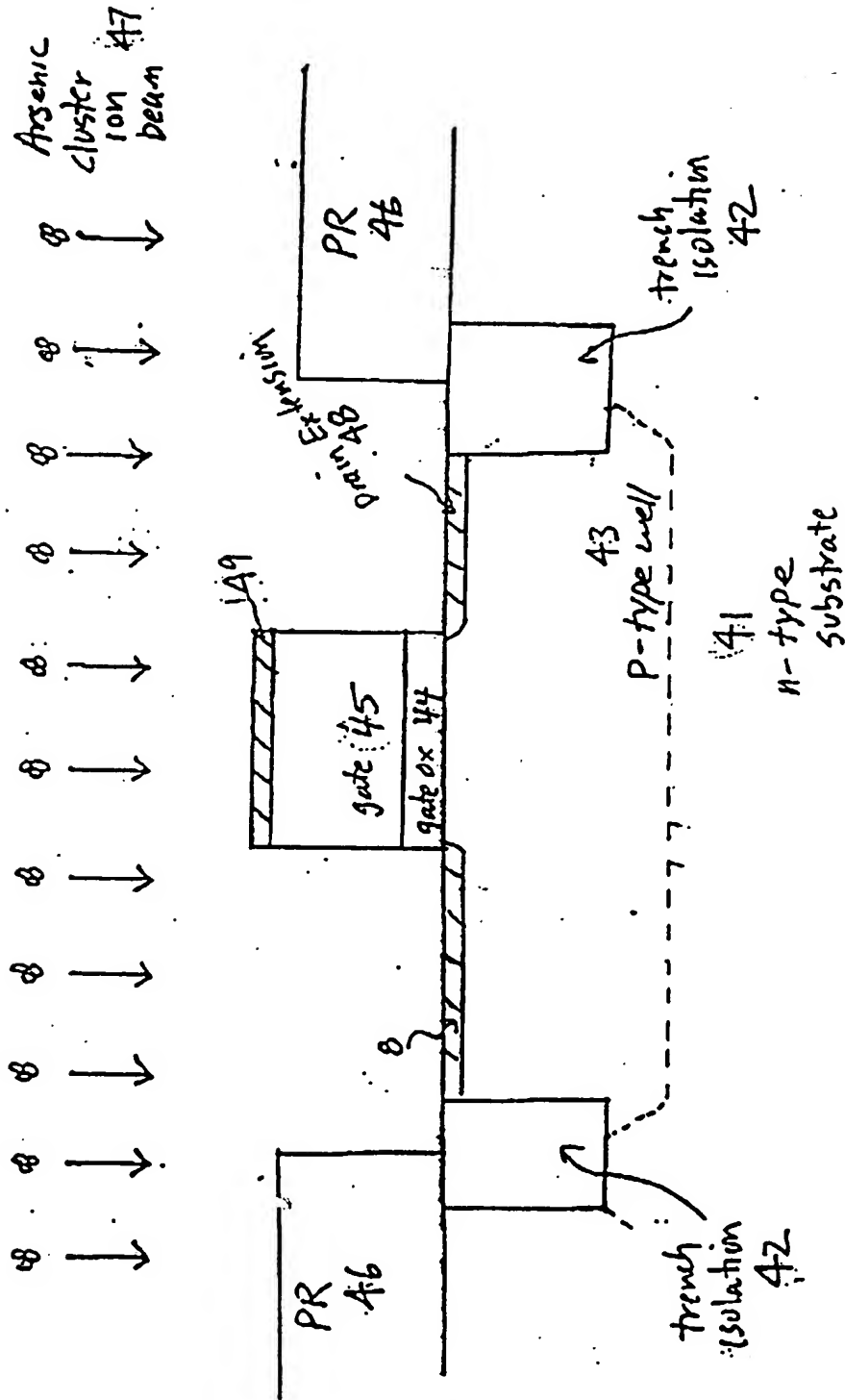


FIG. 16





10/519699

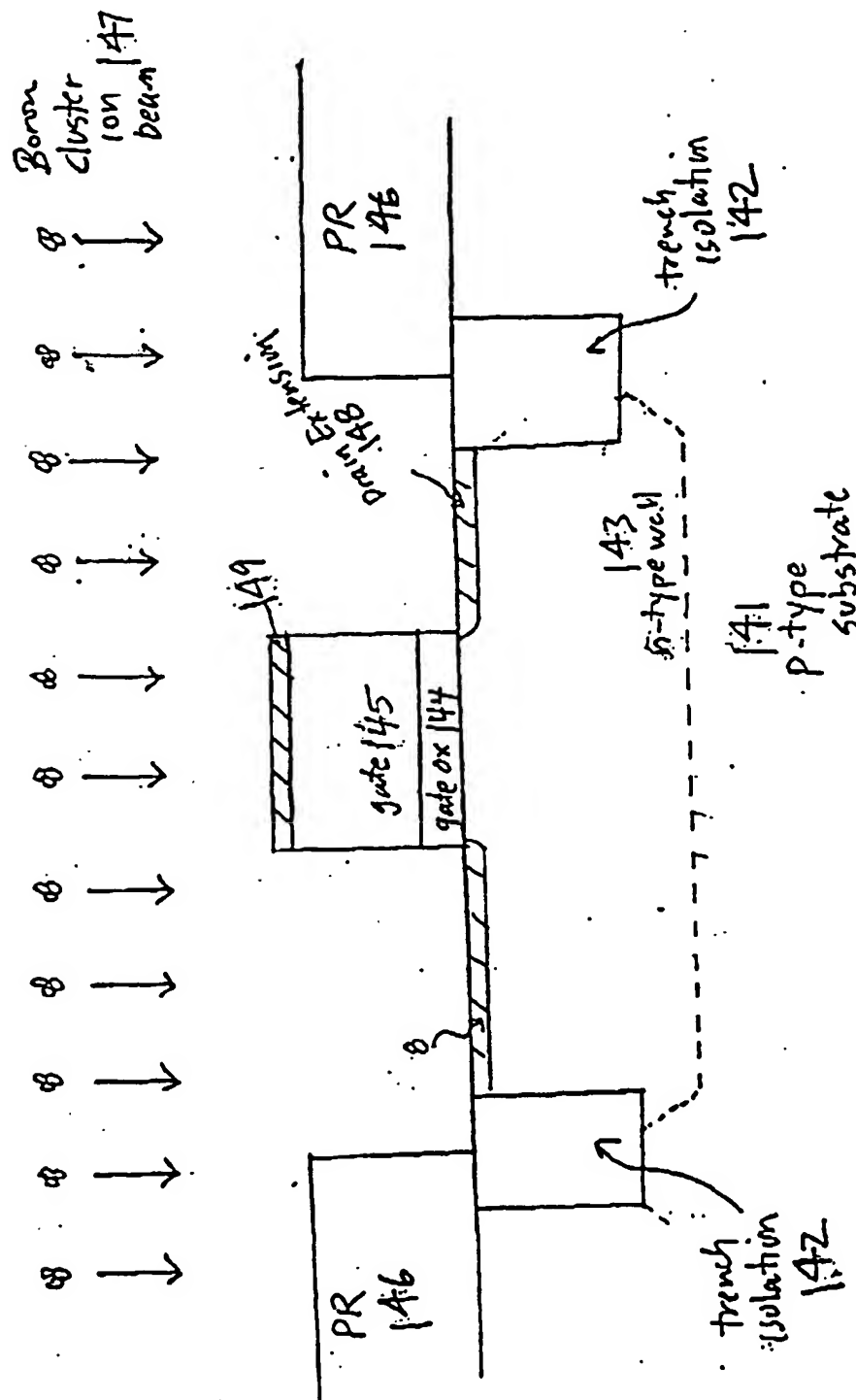


FIG. 18

10/519699

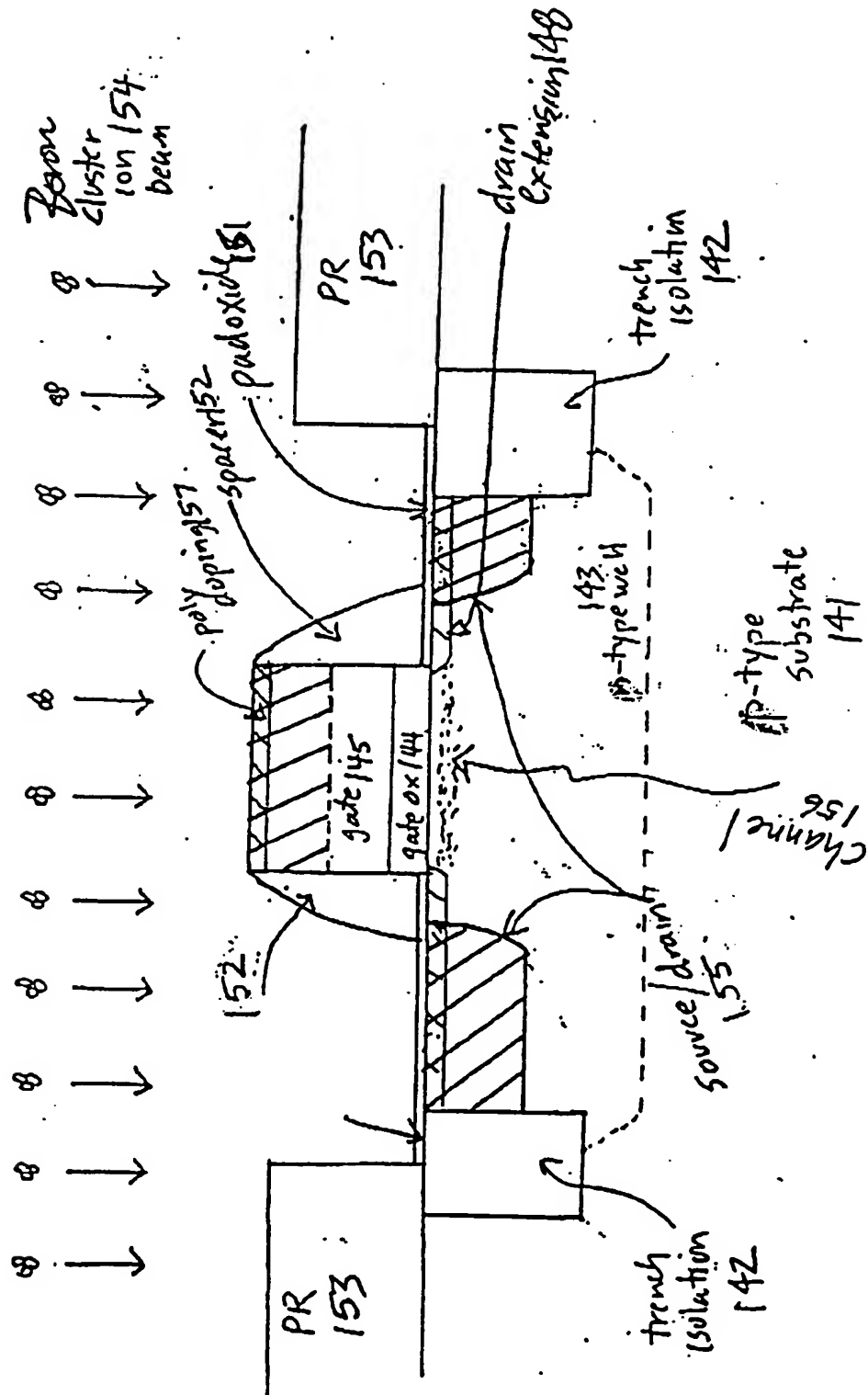


FIG. 19

10/519699

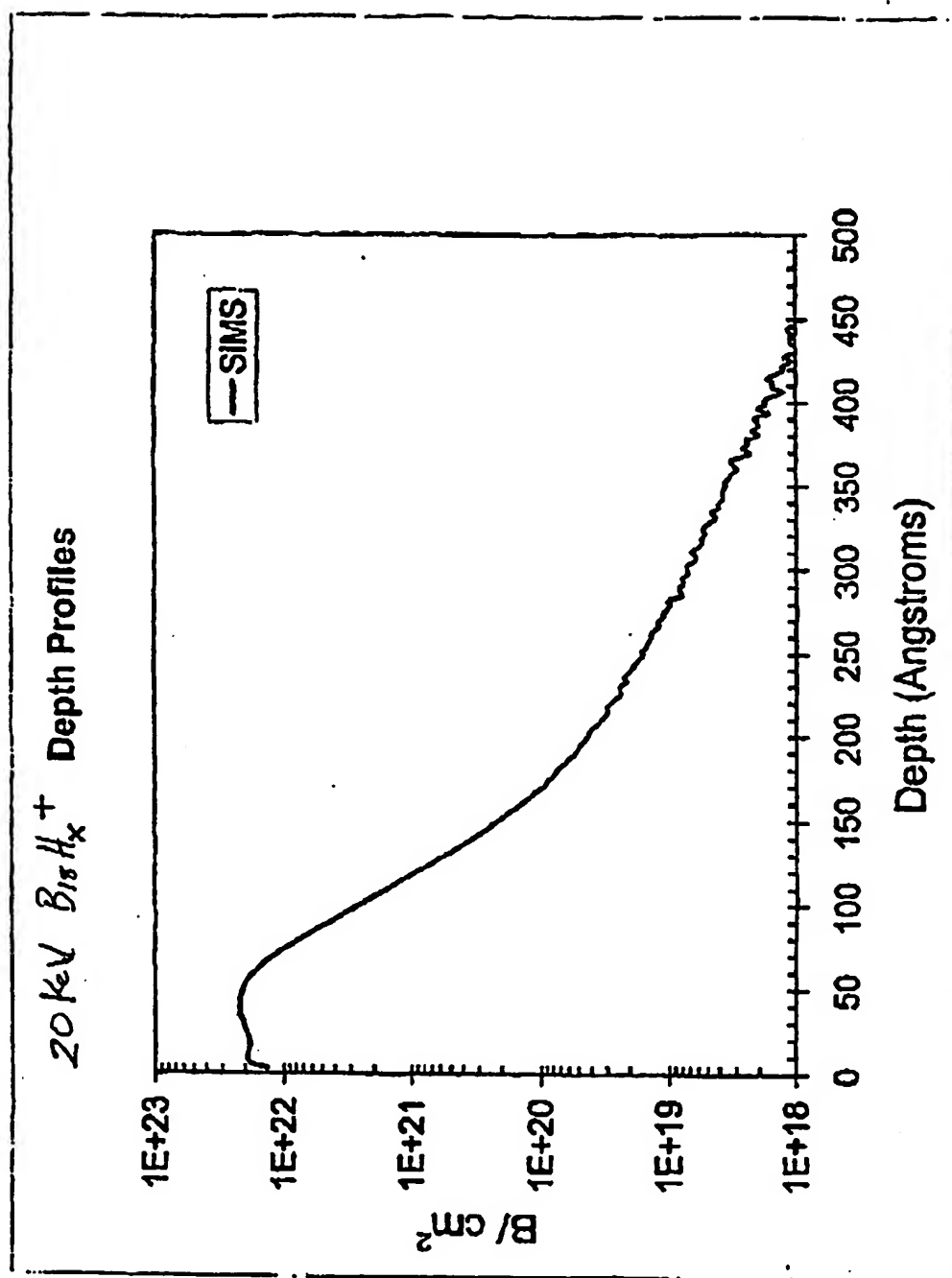
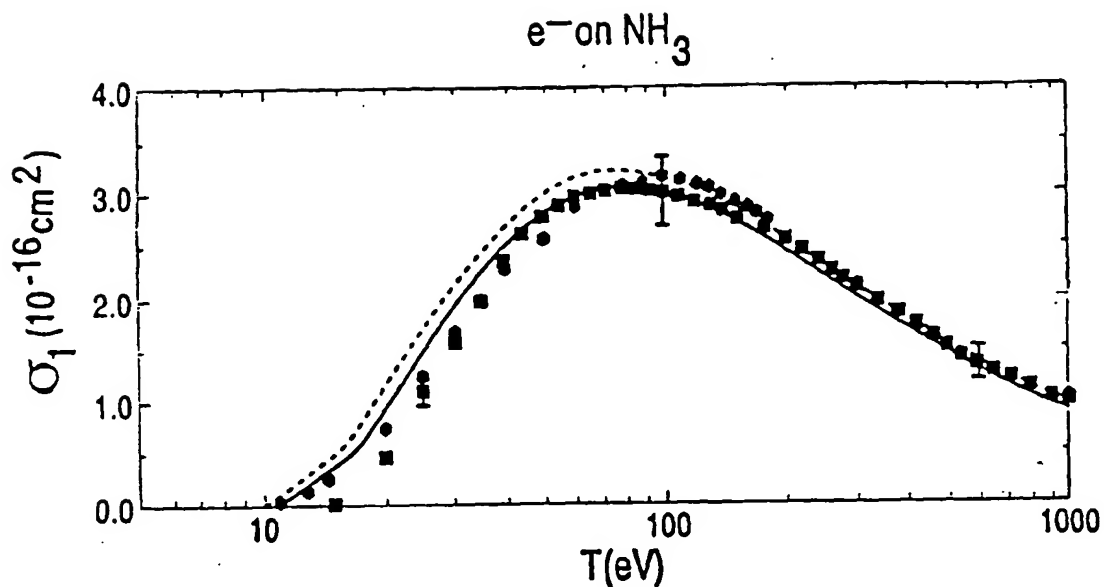


Fig. 20

10/519699



DATA SET	SOURCE
—	BEB (VERTICAL IP) Y.-K. KIM, W. HWANG, N.M. WEINBERGER, M.A. ALI AND M.E. RUDD, J. CHEM. PHYS. 106, 1026 (1997)
-----	BEB (ADIABATIC IP) W. HWANG, Y. -K. KIM AND M.E. RUDD, J. CHEM. PHYS. 104, 2956 (1996).
●	N. DJURIC, D. BELIC, M. KUREPA, J.U. MACK, J. ROTHLEITNER AND T.D. MARK, ABSTRACTS, 12TH INT. CONF ON THE PHYSICS OF ATOMIC AND ELECTRIC COLLISIONS, ED. BY S DATZ (GATLINBURG, 1981), P. 384
■	M.V.V.S. RAO AND S.K. SRIVASTAVA, J. PHYS. B 25,2175 (1992)

FIG 21

**This Page is Inserted by IFW Indexing and Scanning  
Operations and is not part of the Official Record**

**BEST AVAILABLE IMAGES**

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- ☐ BLACK BORDERS
- ☐ IMAGE CUT OFF AT TOP, BOTTOM OR SIDES
- ☒ FADED TEXT OR DRAWING
- ☐ BLURRED OR ILLEGIBLE TEXT OR DRAWING
- ☐ SKEWED/SLANTED IMAGES
- ☐ COLOR OR BLACK AND WHITE PHOTOGRAPHS
- ☐ GRAY SCALE DOCUMENTS
- ☒ LINES OR MARKS ON ORIGINAL DOCUMENT
- ☐ REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY
- ☐ OTHER: \_\_\_\_\_

**IMAGES ARE BEST AVAILABLE COPY.**

**As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.**